

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131783.D
 Acq On : 22 Dec 2022 18:33
 Operator : CG\JU
 Sample : N6178-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Dec 23 03:32:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 03:03:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

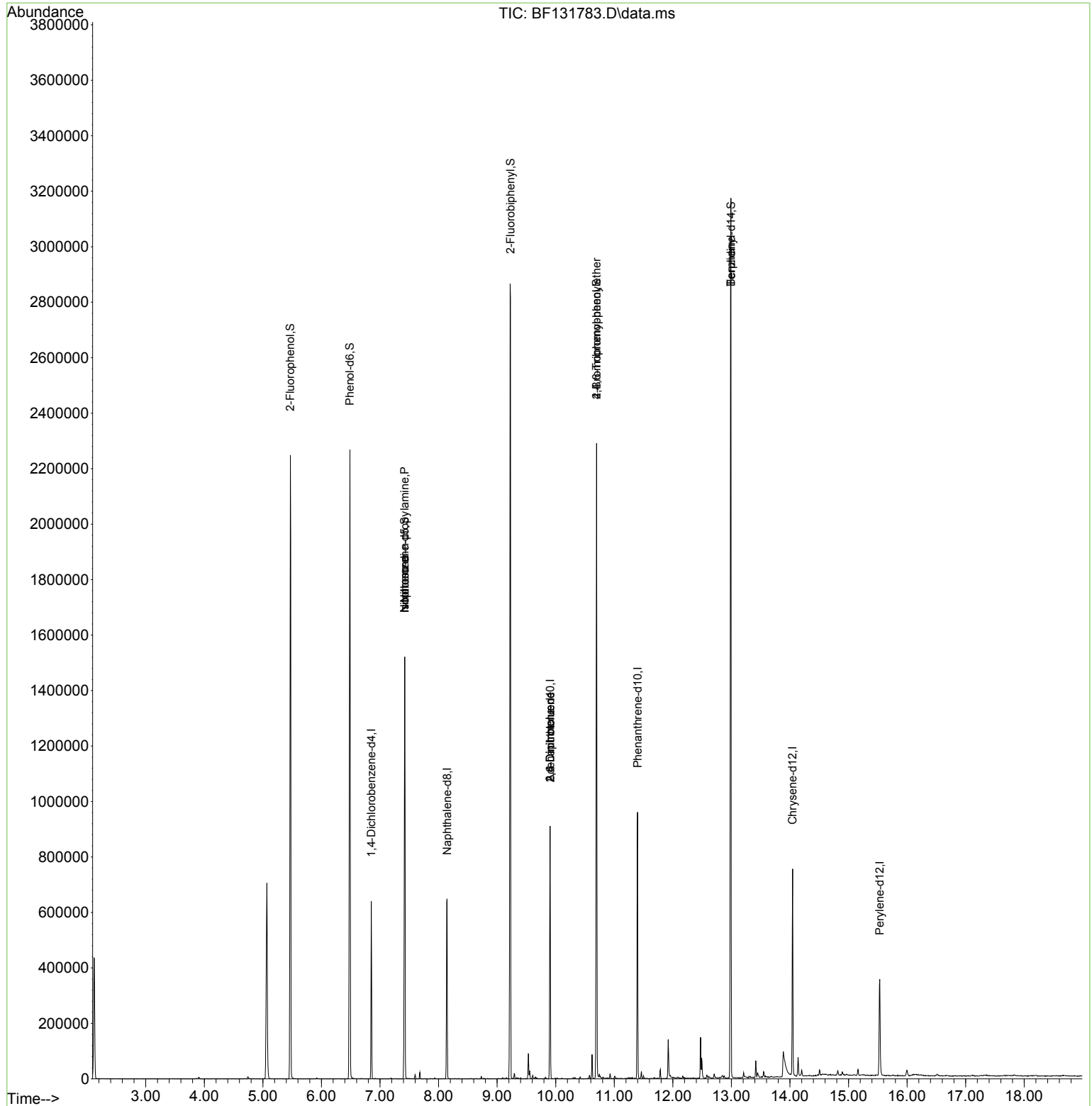
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	78993	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	284872	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	166716	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	336020	20.000	ng	0.00
76) Chrysene-d12	14.045	240	226878	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	163503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	583475	124.379	ng	0.01
7) Phenol-d6	6.487	99	755151	119.598	ng	0.00
23) Nitrobenzene-d5	7.422	82	533610	76.043	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	230719	126.437	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	930382	78.175	ng	0.00
79) Terphenyl-d14	12.992	244	1123856	77.203	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	1455	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.422	70	73881	16.224	ng	# 79
25) Isophorone	7.422	82	531012	44.559	ng	# 70
51) 2,6-Dinitrotoluene	9.904	165	20757	7.695	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	20757	5.727	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	16451	4.145	ng	# 1
77) Benizidine	12.992	184	17062	4.101	ng	# 92

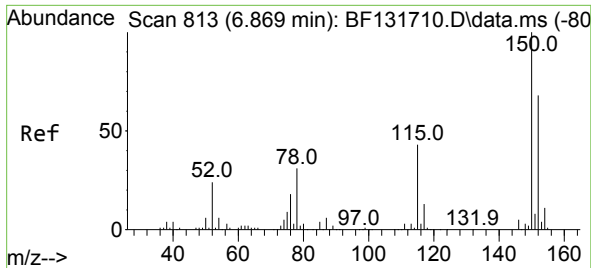
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
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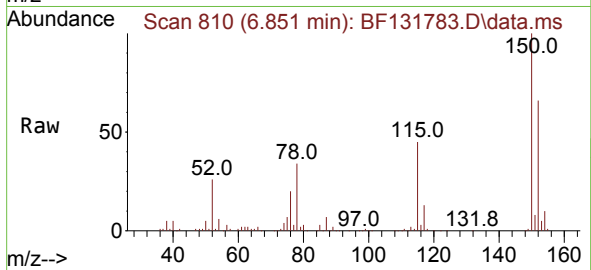
Quant Time: Dec 23 03:32:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 03:03:57 2022
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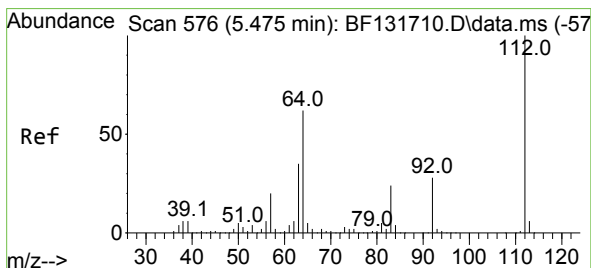
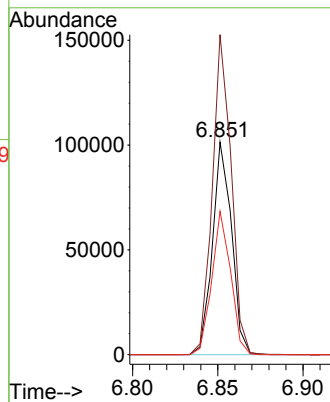
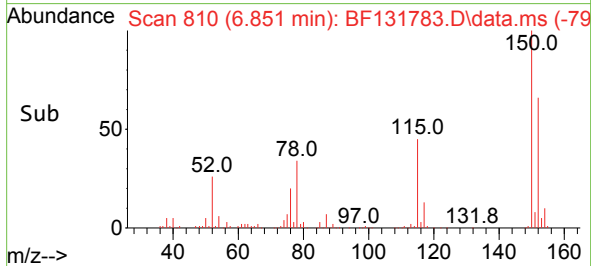


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

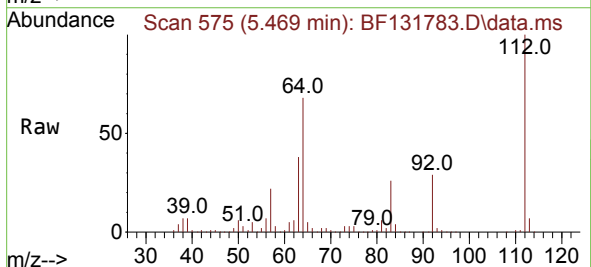
Instrument :
BNA_F
ClientSampleId :
COMP-1



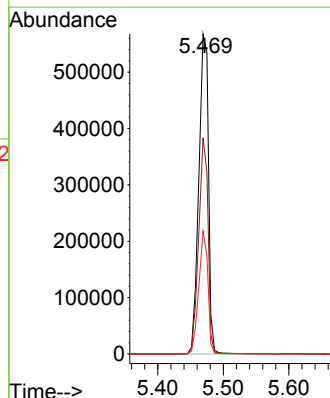
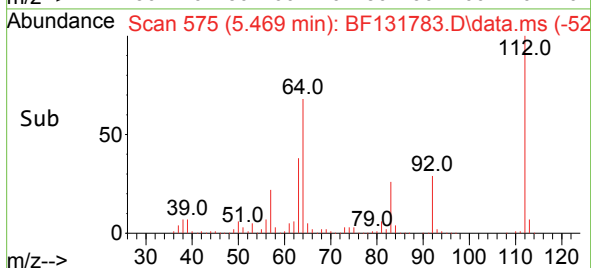
Tgt Ion:152 Resp: 78993
Ion Ratio Lower Upper
152 100
150 150.6 117.4 176.0
115 67.5 50.2 75.4

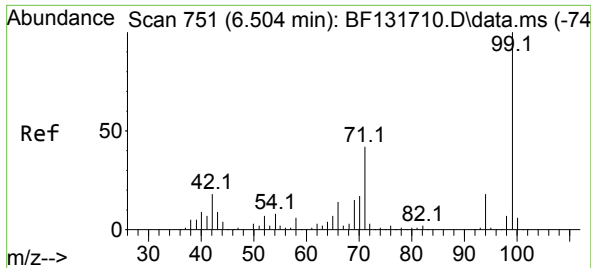


#5
2-Fluorophenol
Concen: 124.379 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33



Tgt Ion:112 Resp: 583475
Ion Ratio Lower Upper
112 100
64 67.6 49.5 74.3
63 38.3 28.2 42.2

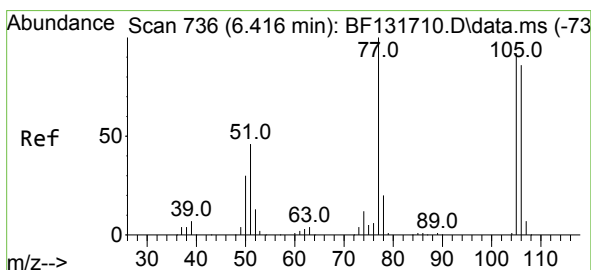
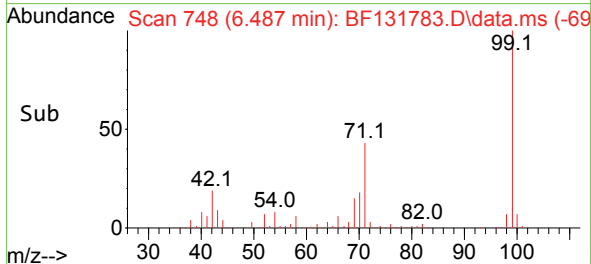
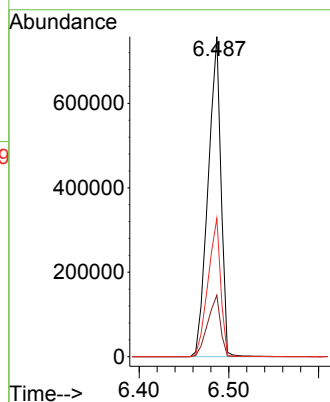
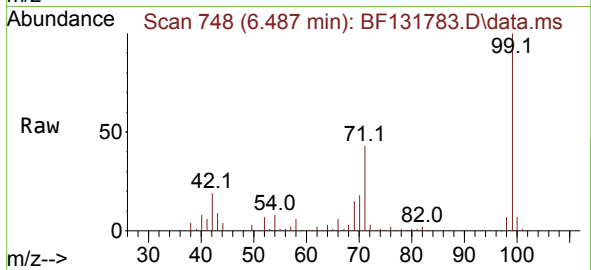




#7
Phenol-d6
Concen: 119.598 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

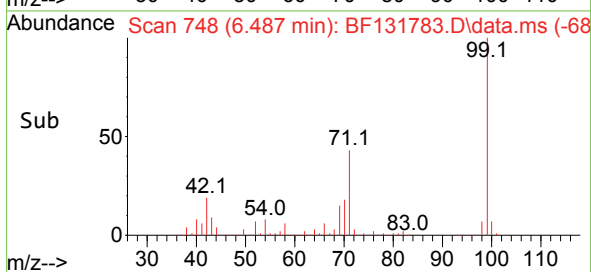
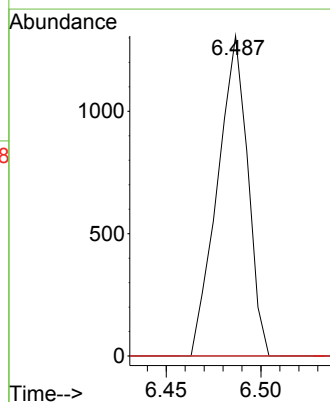
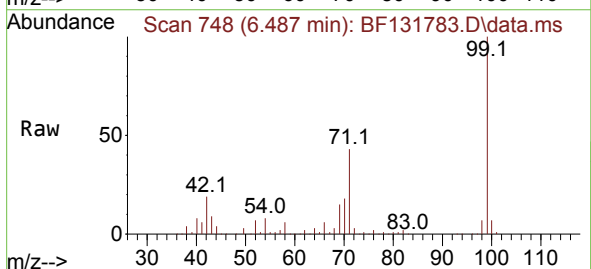
Instrument :
BNA_F
ClientSampleId :
COMP-1

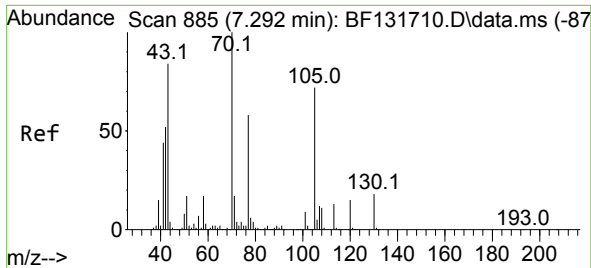
Tgt Ion: 99 Resp: 755151
Ion Ratio Lower Upper
99 100
42 19.2 14.8 22.2
71 43.2 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 748
Delta R.T. 0.082 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

Tgt Ion: 77 Resp: 1455
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

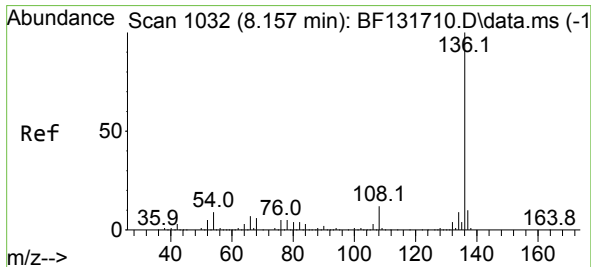
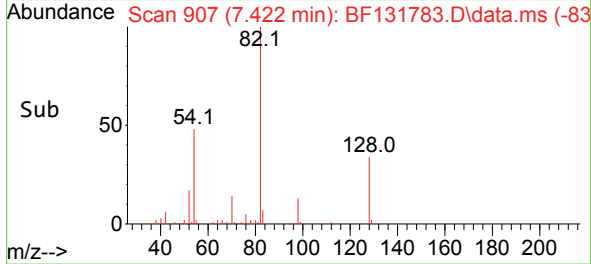
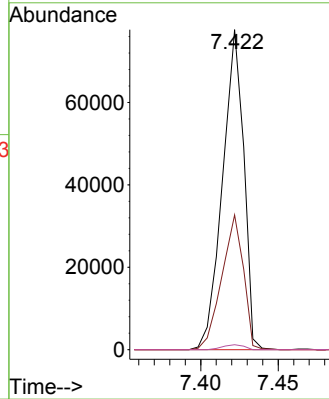
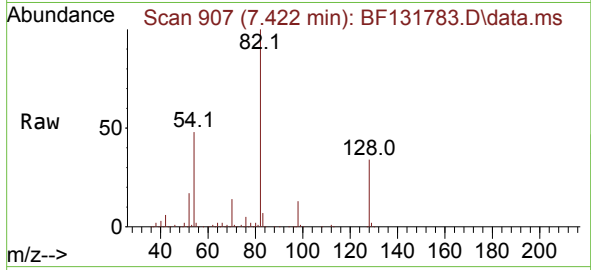




#19
n-Nitroso-di-n-propylamine
Concen: 16.224 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

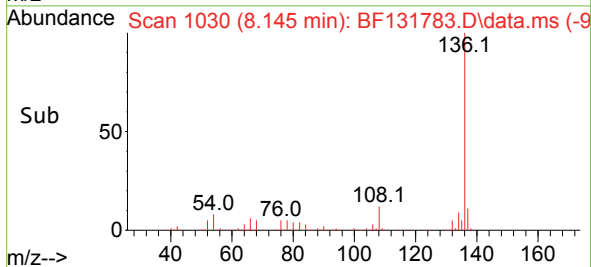
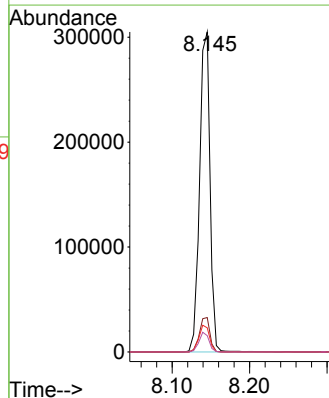
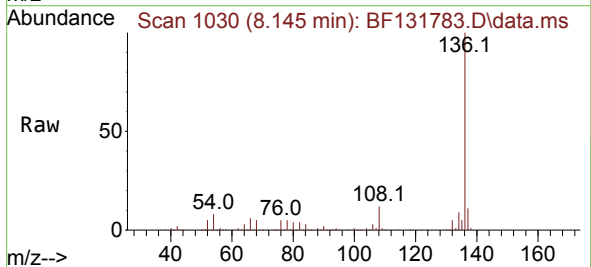
Instrument :
BNA_F
ClientSampleId :
COMP-1

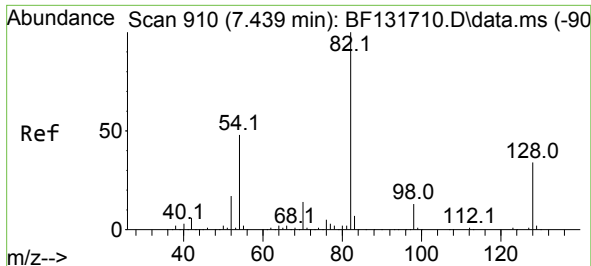
Tgt Ion:	70	Resp:	73881
Ion	Ratio	Lower	Upper
70	100		
42	42.1	41.5	62.3
101	0.0	7.3	10.9#
130	1.5	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

Tgt Ion:	136	Resp:	284872
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.6	7.2	10.8
68	5.1	5.0	7.6





#23

Nitrobenzene-d5

Concen: 76.043 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF131783.D

Acq: 22 Dec 2022 18:33

Instrument :

BNA_F

ClientSampleId :

COMP-1

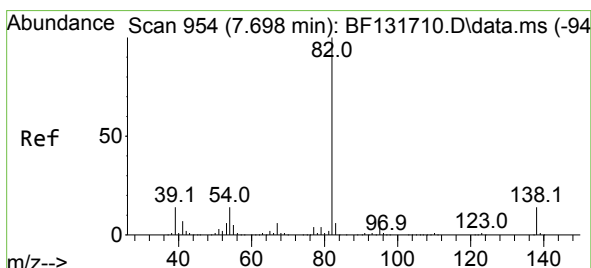
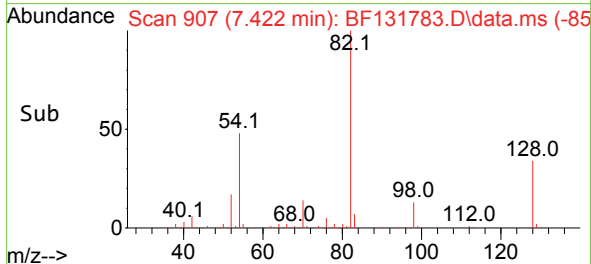
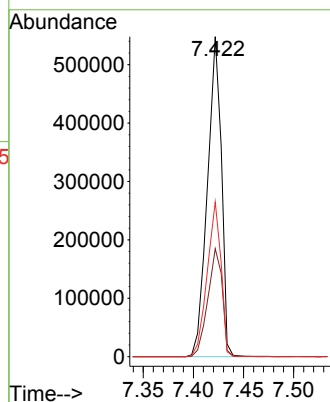
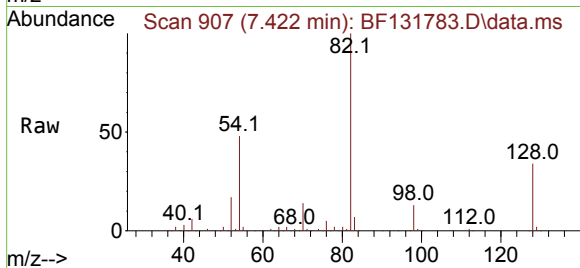
Tgt Ion: 82 Resp: 533610

Ion Ratio Lower Upper

82 100

128 33.8 27.3 40.9

54 48.3 38.2 57.2



#25

Isophorone

Concen: 44.559 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.265 min

Lab File: BF131783.D

Acq: 22 Dec 2022 18:33

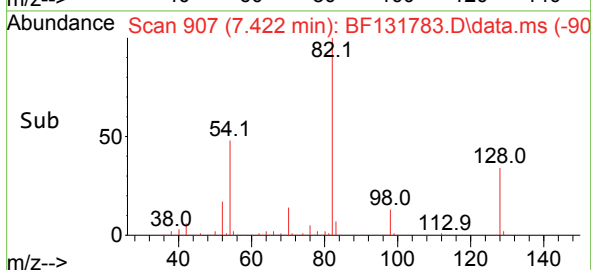
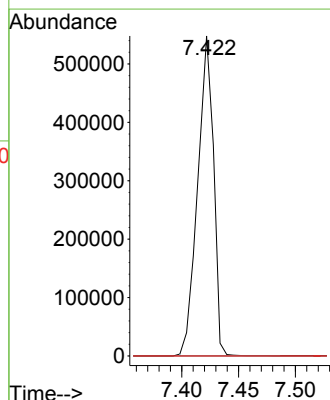
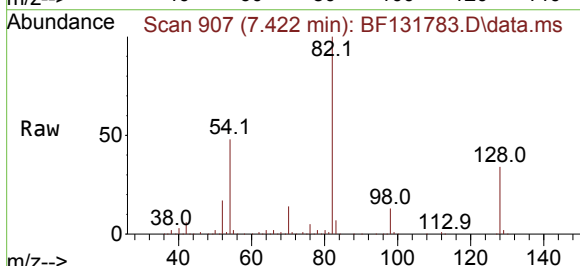
Tgt Ion: 82 Resp: 531012

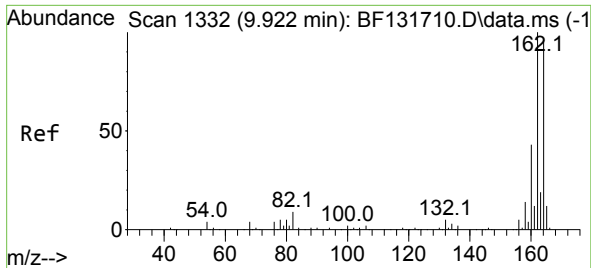
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.6 17.4#

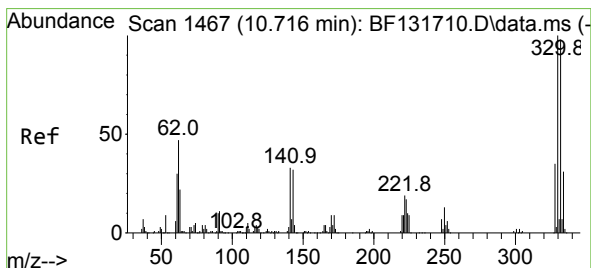
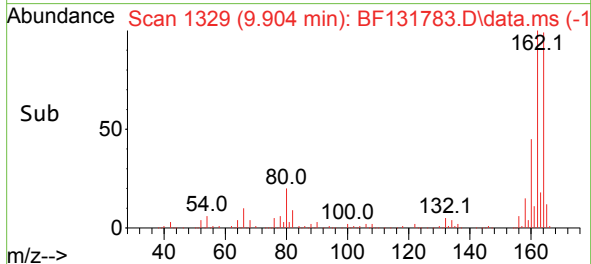
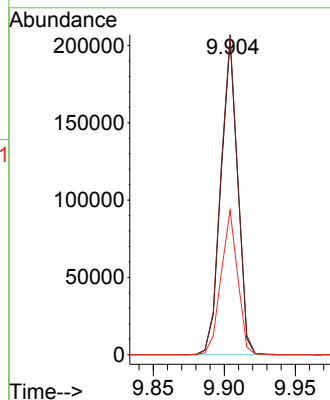
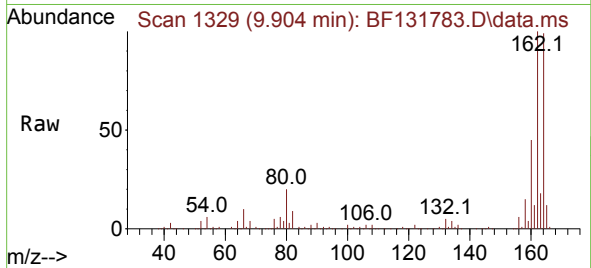




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

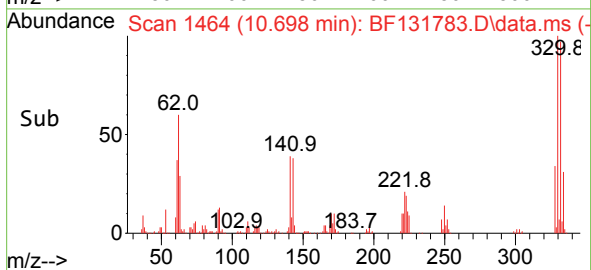
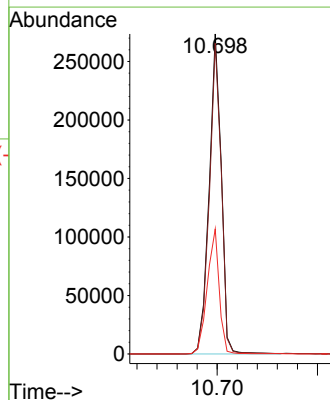
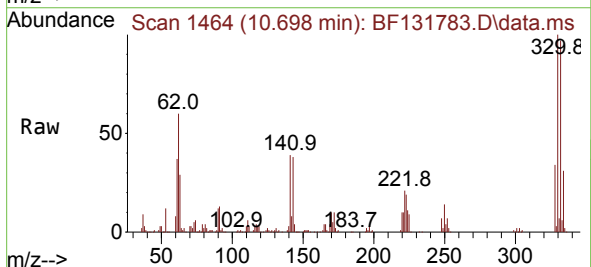
Instrument :
BNA_F
ClientSampleId :
COMP-1

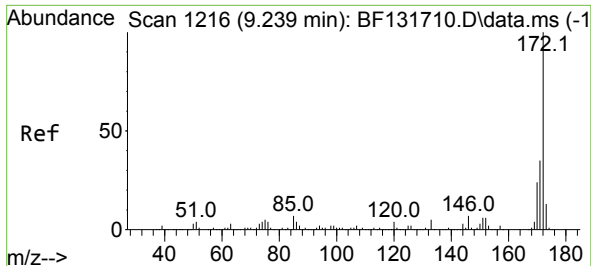
Tgt Ion:164 Resp: 166716
Ion Ratio Lower Upper
164 100
162 101.4 83.7 125.5
160 45.7 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 126.437 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

Tgt Ion:330 Resp: 230719
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 38.7 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 78.175 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131783.D

Acq: 22 Dec 2022 18:33

Instrument :

BNA_F

ClientSampleId :

COMP-1

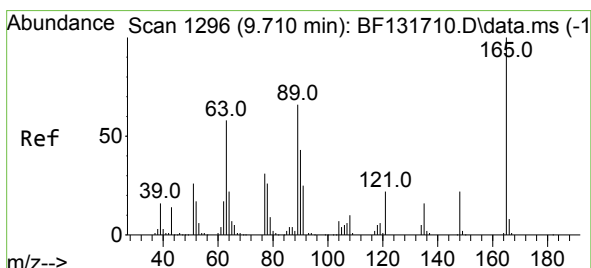
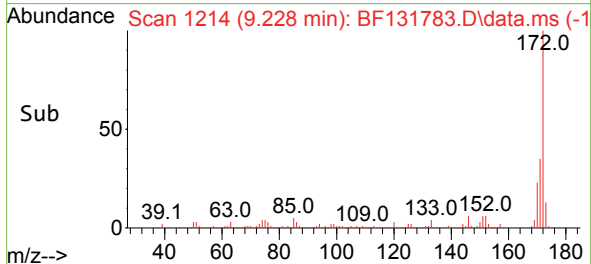
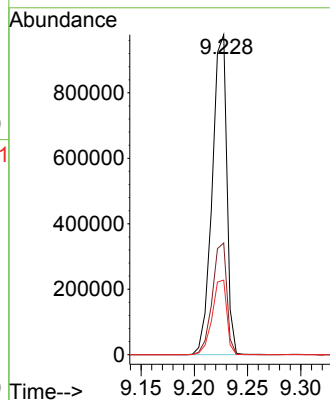
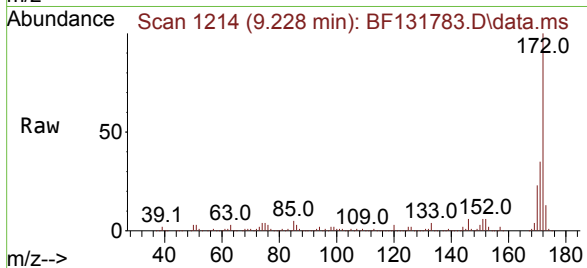
Tgt Ion:172 Resp: 930382

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.3 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.695 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.206 min

Lab File: BF131783.D

Acq: 22 Dec 2022 18:33

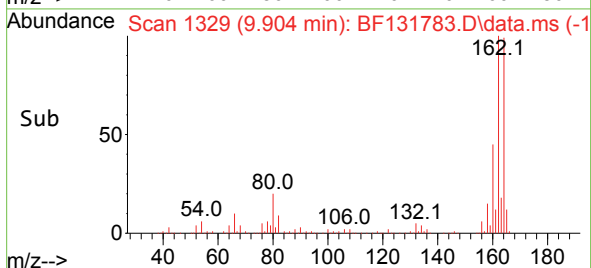
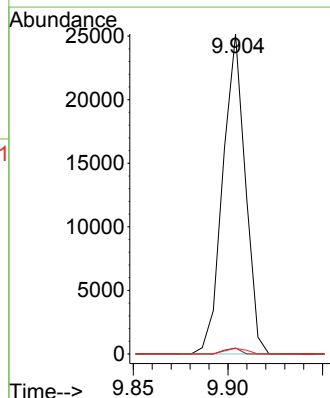
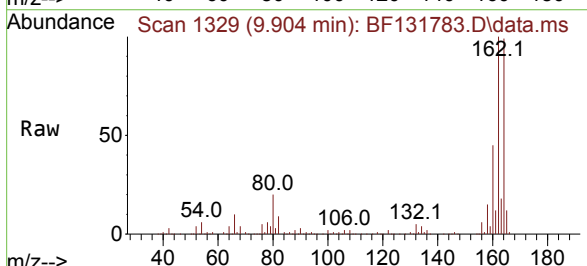
Tgt Ion:165 Resp: 20757

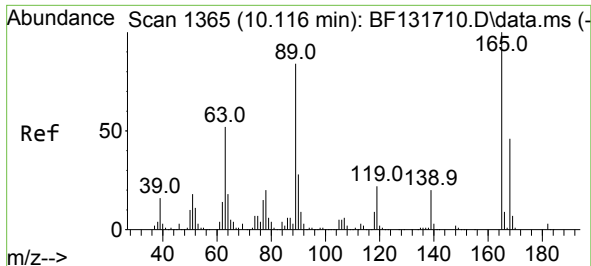
Ion Ratio Lower Upper

165 100

63 1.9 51.8 77.8#

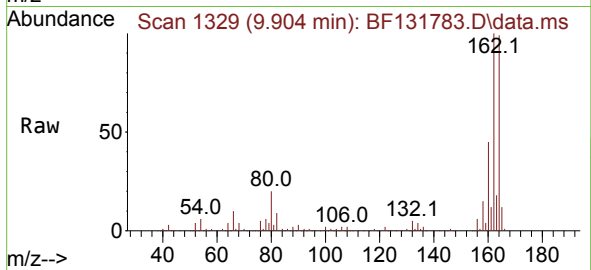
89 1.7 53.2 79.8#



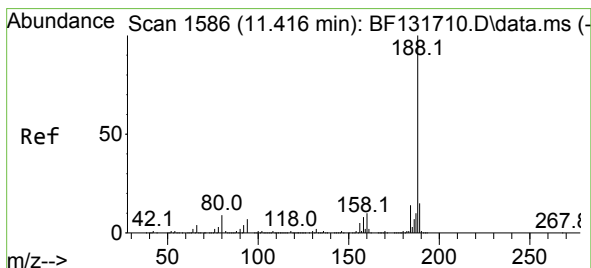
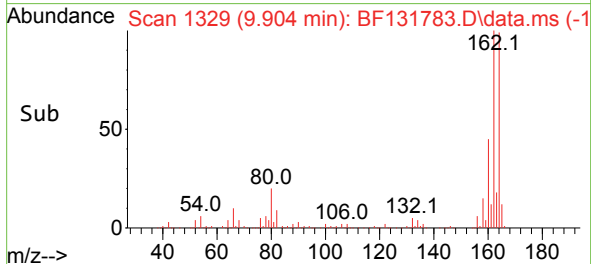
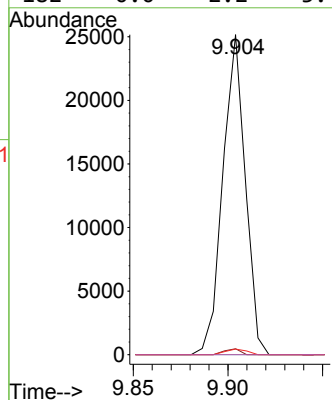


#57
2,4-Dinitrotoluene
Concen: 5.727 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

Instrument :
BNA_F
ClientSampleId :
COMP-1

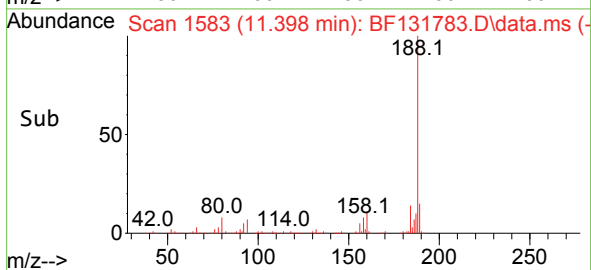
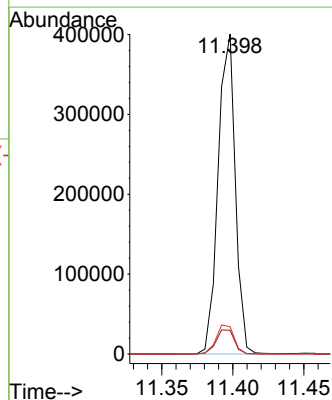
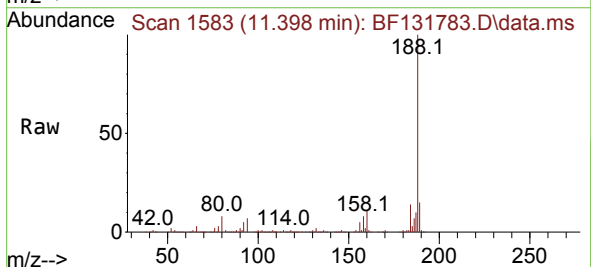


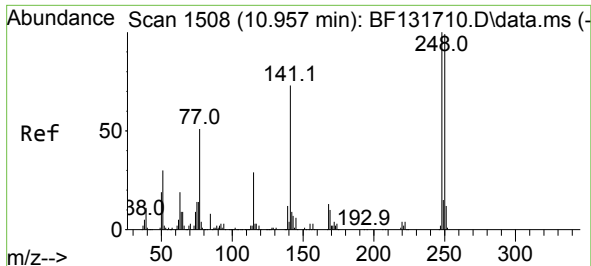
Tgt Ion:165 Resp: 20757
Ion Ratio Lower Upper
165 100
63 1.9 41.5 62.3#
89 1.7 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

Tgt Ion:188 Resp: 336020
Ion Ratio Lower Upper
188 100
94 7.4 5.9 8.9
80 8.5 7.0 10.6

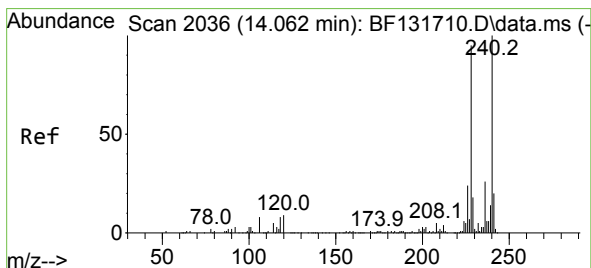
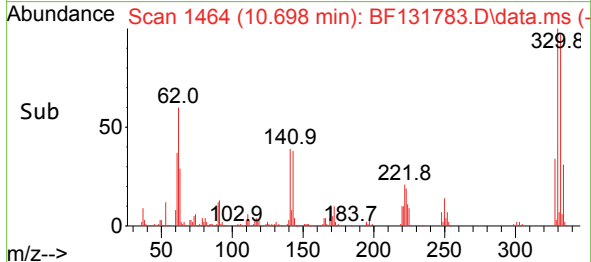
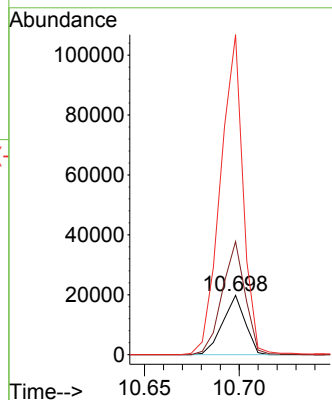
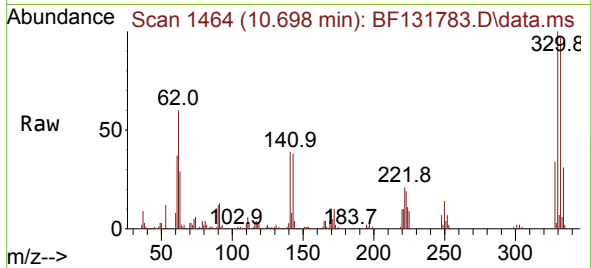




#67
4-Bromophenyl-phenylether
Concen: 4.145 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

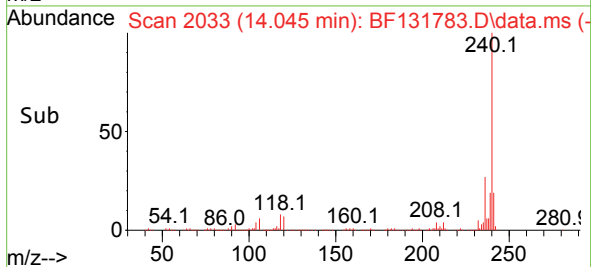
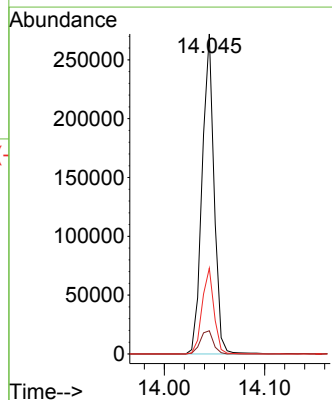
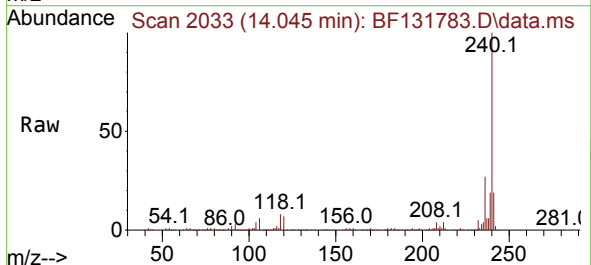
Instrument :
BNA_F
ClientSampleId :
COMP-1

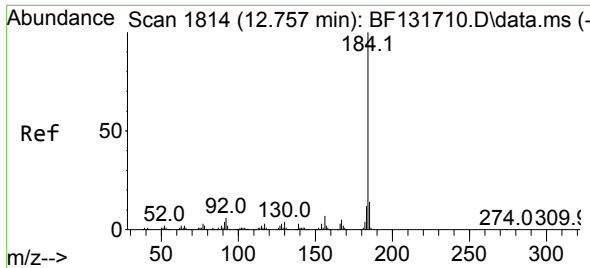
Tgt Ion:248 Resp: 16451
Ion Ratio Lower Upper
248 100
250 190.7 79.4 119.0#
141 539.3 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

Tgt Ion:240 Resp: 226878
Ion Ratio Lower Upper
240 100
120 7.3 7.6 11.4#
236 26.8 21.2 31.8

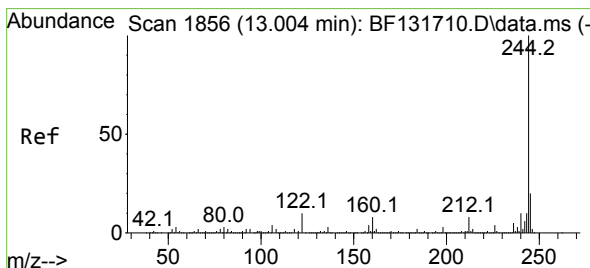
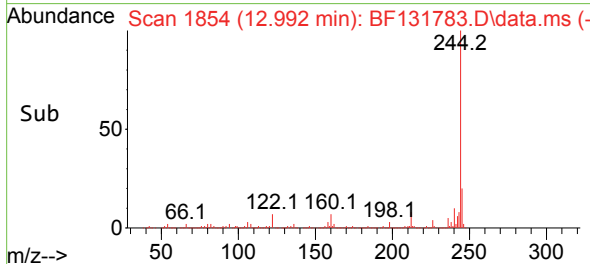
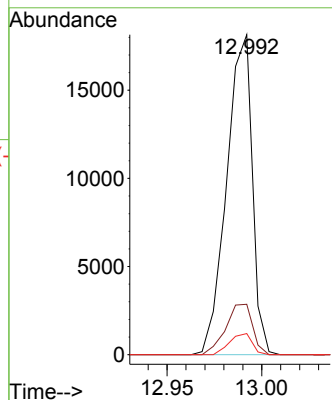
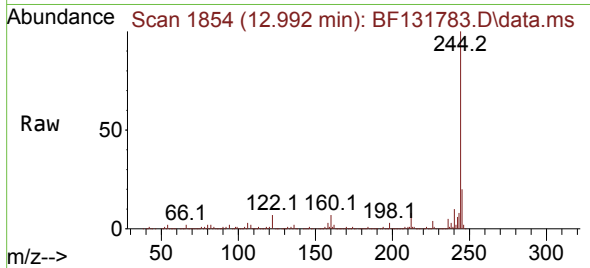




#77
Benzidine
Concen: 4.101 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

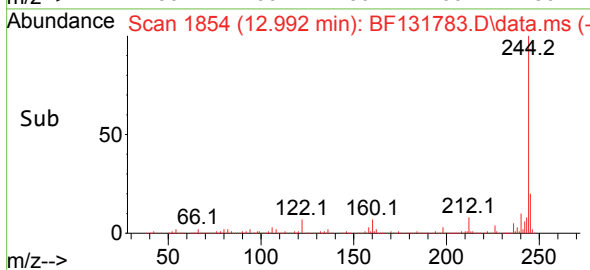
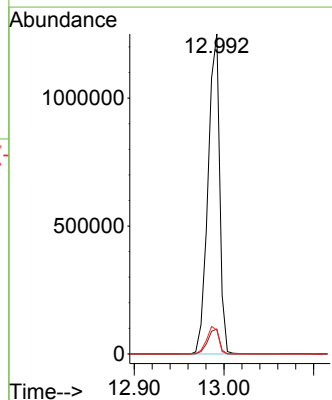
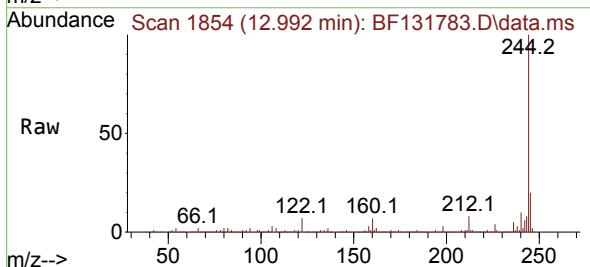
Instrument :
BNA_F
ClientSampleId :
COMP-1

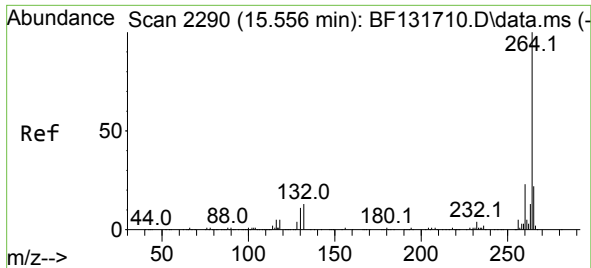
Tgt Ion:184 Resp: 17062
Ion Ratio Lower Upper
184 100
185 15.7 11.3 16.9
183 6.6 9.3 13.9#



#79
Terphenyl-d14
Concen: 77.203 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

Tgt Ion:244 Resp: 1123856
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 7.5 7.7 11.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131783.D
Acq: 22 Dec 2022 18:33

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:264 Resp: 163503
Ion Ratio Lower Upper
264 100
260 24.9 18.6 28.0
265 21.3 17.4 26.2

